

WHAT IS CLAIMED IS:

1. A facsimile apparatus for reading image data of a both-side original and transmitting it, comprising:

5 reading means for reading images on both sides of the original;

discriminating means for discriminating whether effective image data is included on both sides of the original read by said reading means or not; and

10 control means for executing a both-side transmission of the image data read from the both sides of the original if it is determined by said discriminating means that at least one sheet of original in which the effective image data is included 15 on the both sides exists, and executing a one-side transmission of the image data read from a front side of the original in the other cases.

2. An apparatus according to claim 1, wherein even if at least one sheet of original in which the effective image data is included on the both sides exists, when a receiver on a partner side does not have a both-side transmission mode, only the sides including the effective image data are transmitted in order from 25 the front side and a reverse side by using a one-side transmitting procedure.

3. An apparatus according to claim 1, further comprising operating means for designating a compulsory front side reading mode for reading only the image on the front side of the original,

5       wherein when said compulsory front side reading mode is selected by said operating means, even if at least one sheet of original in which the effective image data is included on the both sides exists, only the front side of the original is read and the read 10 image data is transmitted in a one-side mode.

4. A control method of a facsimile apparatus for reading image data of a both-side original and transmitting it, comprising:

15       a discriminating step of discriminating whether effective image data is included on both sides of the read original or not; and  
20       a control step of executing a both-side transmission of the image data read from the both sides of the original if it is determined by said discriminating step that at least one sheet of original in which the effective image data is included on the both sides exists, and executing a one-side transmission of the image data read from a front side 25       of the original in the other cases.

5. A method according to claim 4, wherein even if

at least one sheet of original in which the effective image data is included on the both sides exists, when a receiver on a partner side does not have a both-side transmission mode, only the sides including the effective image data are transmitted in order from the front side and a reverse side by using a one-side transmitting procedure.

6. A method according to claim 4, wherein when a  
10 compulsory front side reading mode for reading only a  
image on the front side of the original is selected,  
even if at least one sheet of original in which the  
effective image data is included on the both sides  
exists, only the front side of the original is read and  
15 the read image data is transmitted in a one-side mode.

7. A computer-readable memory medium which stores a control program for a facsimile apparatus for reading image data of a both-side original and transmitting it, wherein said control program comprises:

a discriminating step of discriminating whether effective image data is included on both sides of the read original or not; and

25 a control step of executing a both-side  
transmission of the image data read from the both sides  
of the original if it is determined by said  
discriminating step that at least one sheet of original

in which the effective image data is included on the both sides exists, and executing a one-side transmission of the image data read from a front side of the original in the other cases.

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8. A medium according to claim 7, wherein said medium stores a control procedure for transmitting only the sides including the effective image data in order from the front side and a reverse side by using a one-side transmitting procedure when a receiver on a partner side does not have a both-side transmission mode even if at least one sheet of original in which the effective image data is included on the both sides exists.

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9. A medium according to claim 7, wherein said medium stores a control procedure for reading only the front side of the original even if at least one sheet of original in which the effective image data is included on the both sides exists when a compulsory front side reading mode for reading only an image on the front side of the original is selected, and transmitting the read image data in a one-side mode.